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TITLE: DEGRADABLE COMPOSITION

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## INVENTOR-INFORMATION:

NAME

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US-CL-CURRENT: 524/122

INT-CL (IPC): C08L 67/04; C08L 101/00

## ABSTRACT:

PURPOSE: To provide a degradable composition composed of a mixture of a degradable thermoplastic polymer and a polycaprolactone, having a melting point of the mixture higher than that of the polycaprolactone before mixing, capable of forming a filament and able to be discarded without causing the pollution of environment.

CONSTITUTION: The objective biodegradable composition is produced by blending (A) a biodegradable thermoplastic polymer (e.g. a polyglycolic acid or a copolymer of p-hydroxybutyrate and p-hydroxyvalerate) or a photodegradable polymer (e.g. polypropylene) with (B) 10-90wt.% (based on the total composition) of a polycaprolactone produced by the polymerization of  $\epsilon$ -caprolactone, containing the monomer unit of formula (600

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